

# Inventor & Text search

Solola 09/622,011

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(FILE 'HOME' ENTERED AT 12:28:43 ON 18 APR 2002)

FILE 'HCAPLUS' ENTERED AT 12:29:03 ON 18 APR 2002

L1 3702 S ISHII Y?/AU  
L2 31 S IWAHAMA T?/AU  
L3 3956 S NAKANO T?/AU  
L4 7572 S L1-3  
L5 54 S L4 AND IMIDE  
L6 20 S L5 AND IMIDE CATALYST  
L7 3 S L5 AND IMIDE CATALYST/TI  
SELECT RN L7 1-3

*inventor search*

FILE 'REGISTRY' ENTERED AT 12:31:38 ON 18 APR 2002

L8 108 S E1-108  
SAVE L8 SOL001I/A

FILE 'HCAPLUS' ENTERED AT 12:32:19 ON 18 APR 2002

L9 3 S L7 AND L8 *3 citations w/ 108 cpts displayed*  
E ADDITION REACTIONS/CT  
E E3+ALL/CT  
L10 29614 S E1-2  
E CATALYSTS/CT  
E E3+ALL/CT  
L11 80742 S E1-2, E14  
L12 110 S ?IMIDE?(L) L11  
L13 13 S L12 AND L10  
L14 13 S L13 NOT L9  
L15 1478 S ?IMIDE?(5A)?CATALYST  
L16 8 S L14 AND L15  
L17 20409 S (ADD OR ADDED OR ADDING OR ADDITION) (5A) (?OLEFIN? OR UNSATURA  
L18 3 S L16 AND L17 *3 cites*  
L19 10 S L15 AND L17  
L20 7 S L19 NOT (L9 OR L18)  
L21 2944 S L17(5A) (?ALCOHOL? OR ?KETONE? OR ?CARBONYL? OR ?ALDEHYD?)  
L22 413 S L21 AND (L15 OR L11)  
L23 412 S L21(P) L11  
L24 1 S L21(P) (IMIDE(5A)CATALYST)  
L25 2 S L21 AND (IMIDE(5A)CATALYST)  
L26 4 S L21 AND (?IMIDE?(5A)CATALYST)  
L27 1 S L26 NOT (L9 OR L18 OR L20) *1 cite*  
L28 239 S L22 AND L10  
L29 122827 S (?ALCOHOL? OR ?KETONE? OR ?CARBONYL? OR ?ALDEHYD?) (L) ADDITION  
L30 239 S L28 AND L29  
L31 1 S L15 AND L30  
L32 0 S L31 NOT (L9 OR L18 OR L20 OR L27)  
L33 29 S L29 AND L15  
L34 6 S L17 AND L33  
L35 0 S L34 NOT (L9 OR L18 OR L20 OR L27)  
L36 23 S L33 NOT L34  
L37 17 S L36 NOT PATENT/DT *pri. date*  
L38 13 S L37 AND PD<19991209 *13 cites*  
L39 6 S L36 NOT L37 *6 cites*

*linking imides as catalysts for addition rxn's*

STR search  
history

=&gt; d his 11-128

(FILE 'HOME' ENTERED AT 14:25:58 ON 22 APR 2002)

FILE 'REGISTRY' ENTERED AT 14:26:09 ON 22 APR 2002

L1 STR  
L2 26 S L1  
L3 423 S L1 FUL 423 qds  
SAVE TEMP L3 SOL001P2/A

FILE 'HCAPLUS' ENTERED AT 14:30:51 ON 22 APR 2002

L4 131 S L3/CAT 131 cites w/ imide catalyst  
L5 499861 S ?OLEFIN? OR ?ALKEN? OR ?UNSATURATED? ← alkene reactants  
L6 21 S L4 AND L5  
L7 3 S L4 AND ?ALKYN?  
L8 803223 S OXYGEN(4A) (BEAR? OR CONTAIN?) OR ?ALCOHOL? OR ?ACETAL? OR ?ME ← alcohol  
L9 385240 S ?DIHYDROXY? OR ?LACTON? OR ?HYDROXY?(2A)?ACETAL? OR CARBONYL? or  
L10 53 S L4 AND L8  
L11 39 S L4 AND L9  
L12 5 S L10 AND L11 AND L5  
L13 3 S (2000:421066 OR 1998:760025 OR 1999:431686)/AN products  
L14 4 S L12 NOT L13 ← 4 cites w/ elements from L4, L5, L8 & L9  
L15 3 S L7 AND L8-9  
L16 2 S L15 NOT L12 ← 2 cites w/ related alkynes  
L17 76 S L6 OR L10 OR L11  
L18 71 S L17 NOT L12  
L19 69 S L18 NOT L16  
L20 32 S L19 NOT PATENT/DT patents  
L21 21 S L20 AND PD<19991209 journal articles } pub. dates are earlier  
SELECT L21 9 14 RN } than Pri. date of  
instant appl. these  
cites are the leftovers  
from L17 that have  
only 2 or 3 elements  
of the claims.

FILE 'REGISTRY' ENTERED AT 15:04:35 ON 22 APR 2002

L22 51 S E1-51

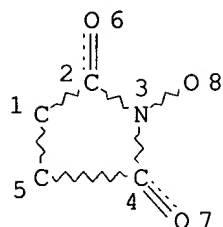
FILE 'HCAPLUS' ENTERED AT 15:05:07 ON 22 APR 2002

L23 19 S L21 AND L22  
L24 2 S 1997:196033/AN OR 1998:628473/AN  
L25 2 S L23 AND L24  
L26 37 S L19 NOT L20  
L27 15 S L26 AND PRD<19991209  
L28 15 S L27 AND (L5 OR L8 OR L9) 15 patents

=> d que 14  
L1

STR

*search for imide*



NODE ATTRIBUTES:

CONNECT IS E1 RC AT 8  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 8

STEREO ATTRIBUTES: NONE

L3 423 SEA FILE=REGISTRY SSS FUL L1  
L4 131 SEA FILE=HCAPLUS ABB=ON PLU=ON L3/CAT